

L2 ANSWER 52 OF 99 CA COPYRIGHT 2005 ACS on STN  
 AN 121:262062 CA  
 ED Entered STN: 26 Nov 1994  
 TI **Concrete** compositions for self packing  
 IN Mizunuma, Tatsuya; Izumi, Tatsuo; Cho, Takeshi; Yamamuro, Hodaka  
 PA Kao Corp, Japan  
 SO Jpn. Kokai Tokkyo Koho, 5 pp.  
 CODEN: JKXXAF

DT Patent  
 LA Japanese  
 IC ICM C04B024-38  
 ICS C04B028-02  
 CC 58-2 (Cement, Concrete, and Related Building Materials)  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06128001 /	A2	19940510	JP 1992-285913	19921023
PRAI	JP 1992-285913		19921023		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 06128001	ICM	C04B024-38
	ICS	C04B028-02
JP 06128001	ECLA	C04B028/02

AB The self-packing **concrete** compns. contain water-reducing agent and 0.005-4.0 weight% (based on **cement**) cationic water-soluble polymer and have a slump. flow value (by JIS A1101) of  $\geq 40$  cm. The cationic water-soluble polymer is **cationic starch** or its derivative

ST starch self packing **concrete**; water reducing agent starch **concrete**

IT **Concrete**  
 (containing water-reducing agent and **cationic starch** or its derivative, for self packing)

IT Carboxylic acids, uses  
 RL: TEM (Technical or engineered material use); USES (Uses)  
 (poly-, copolymers with water-reducing agent; **concrete** compns. containing, for self packing)